

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

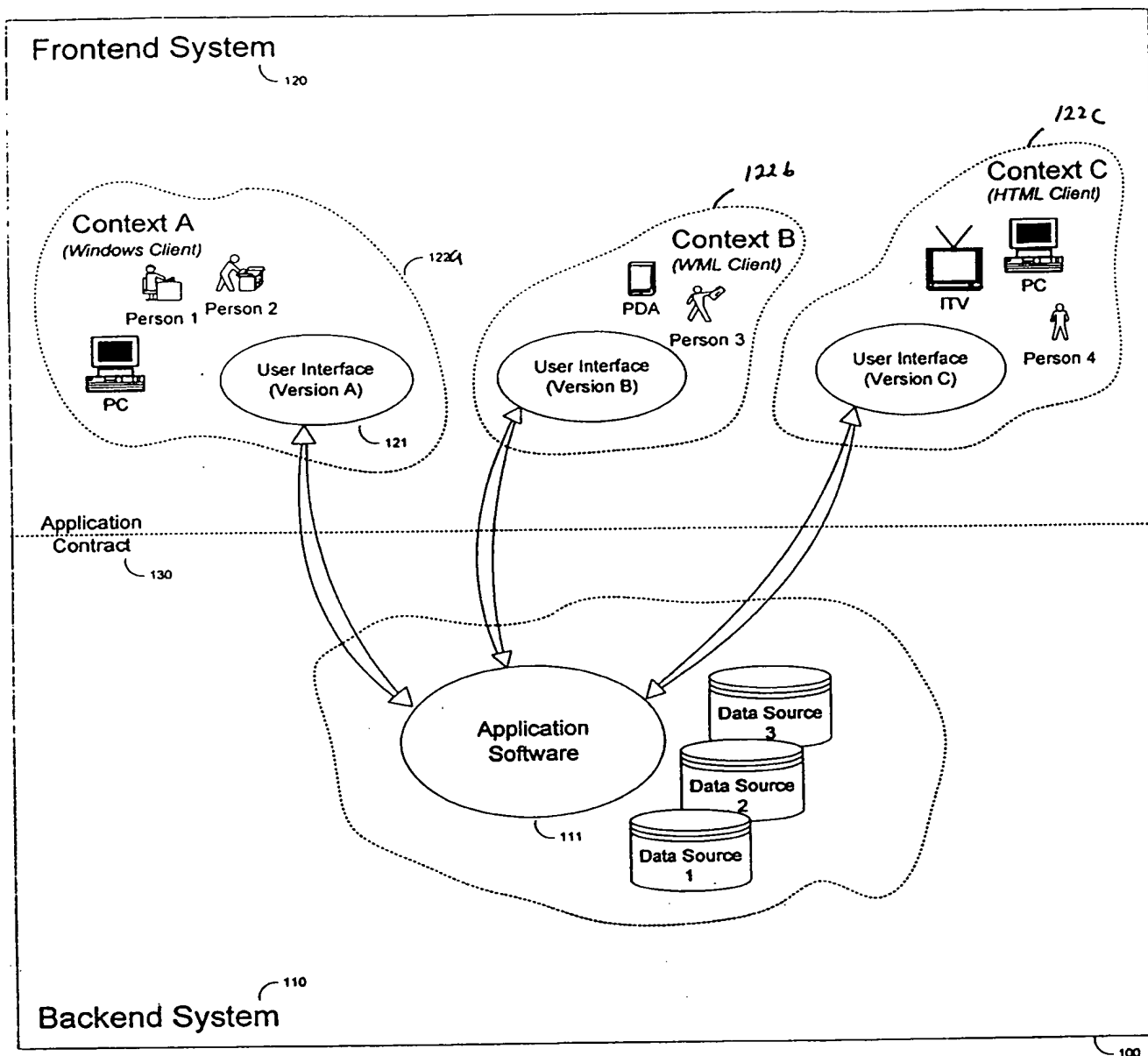
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS ✕
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT ✕
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS ✕
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



Interactive Computer System

FIG. 1

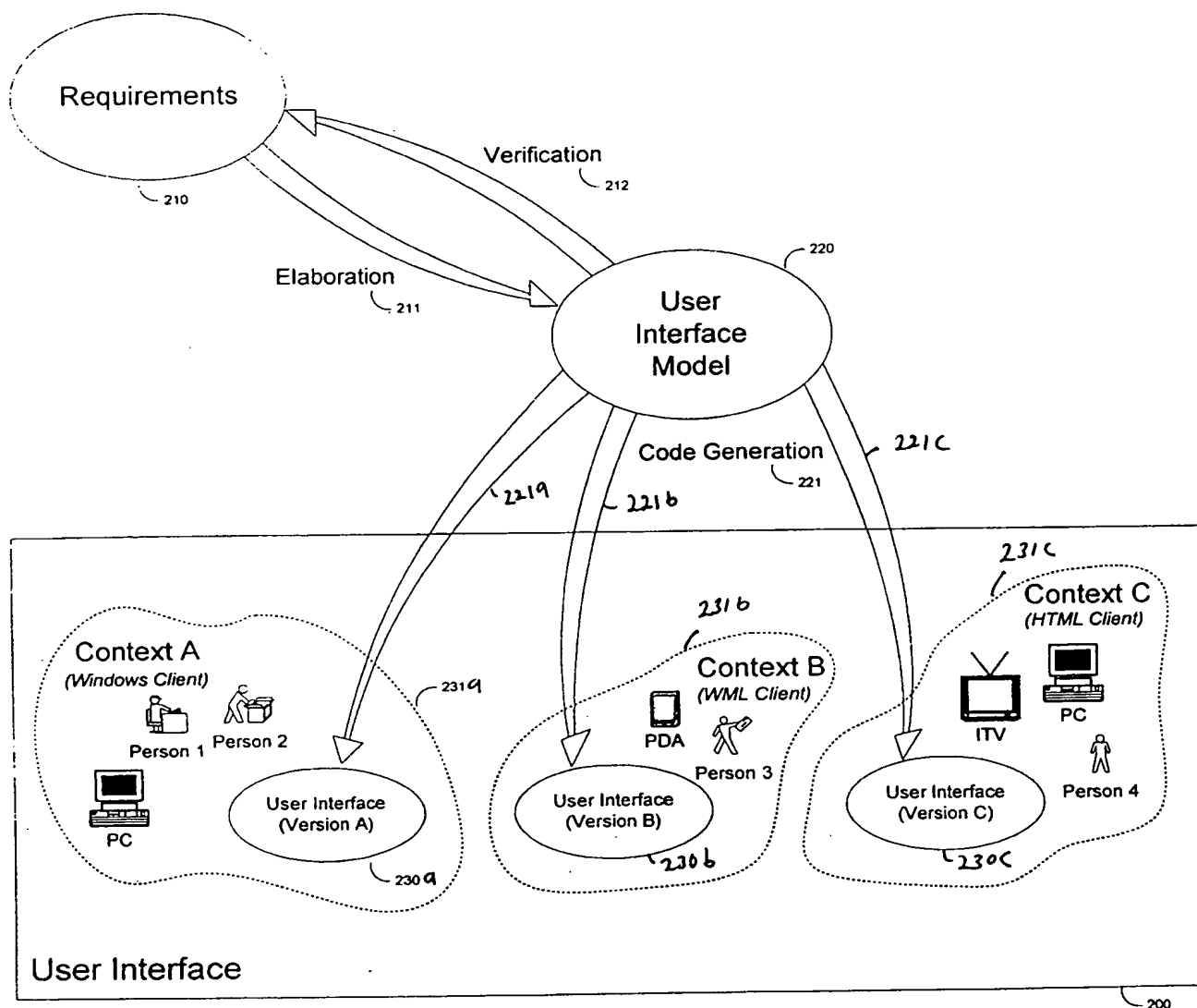
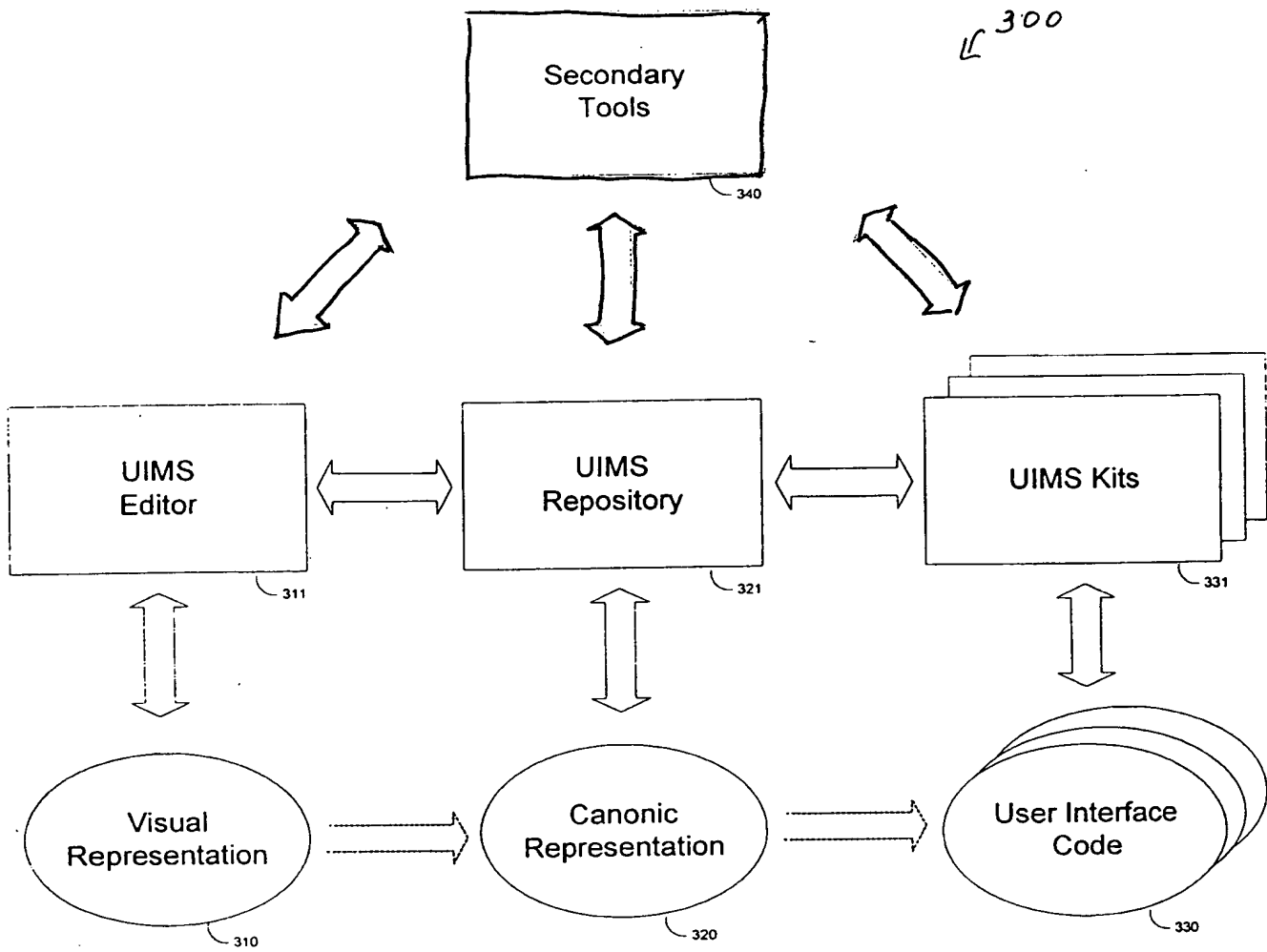


FIG. 2



User Interface Modeling System (UIMS)

FIG. 3A

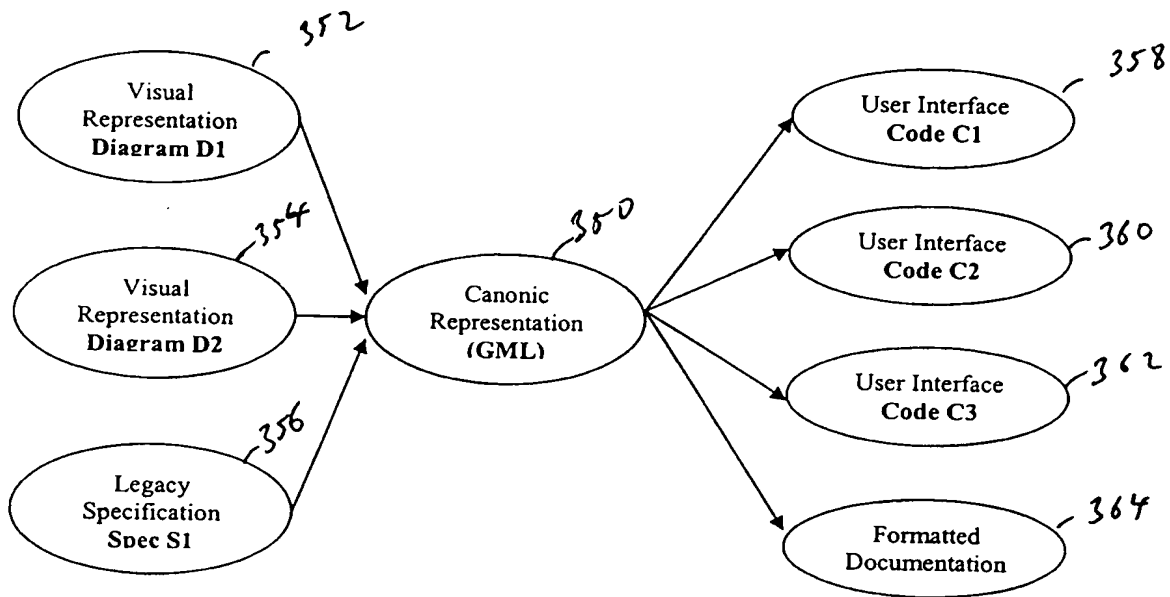


FIG. 3B

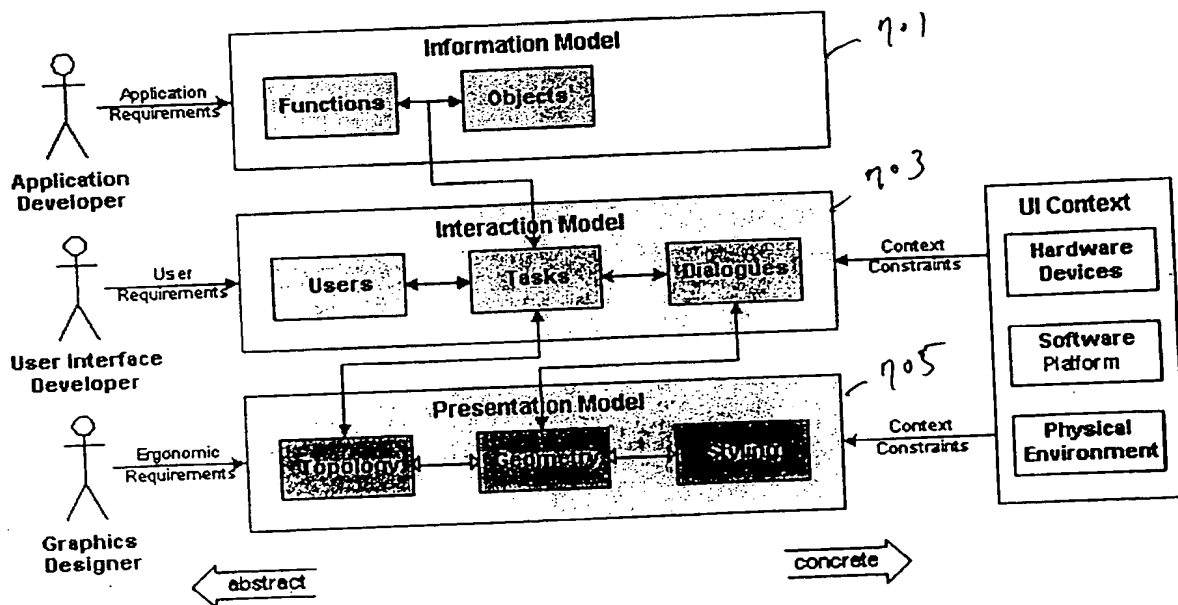


FIG. 7A

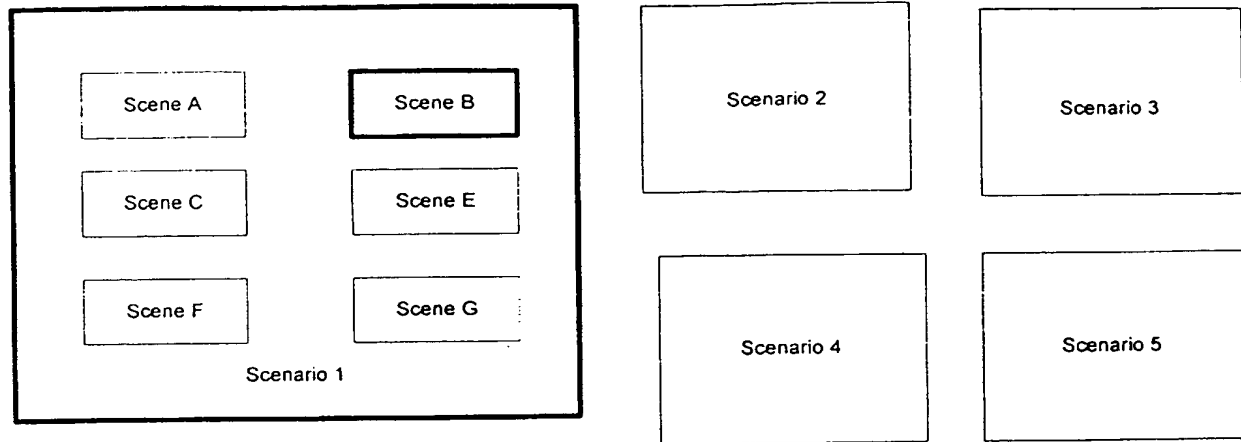


FIG. 3C

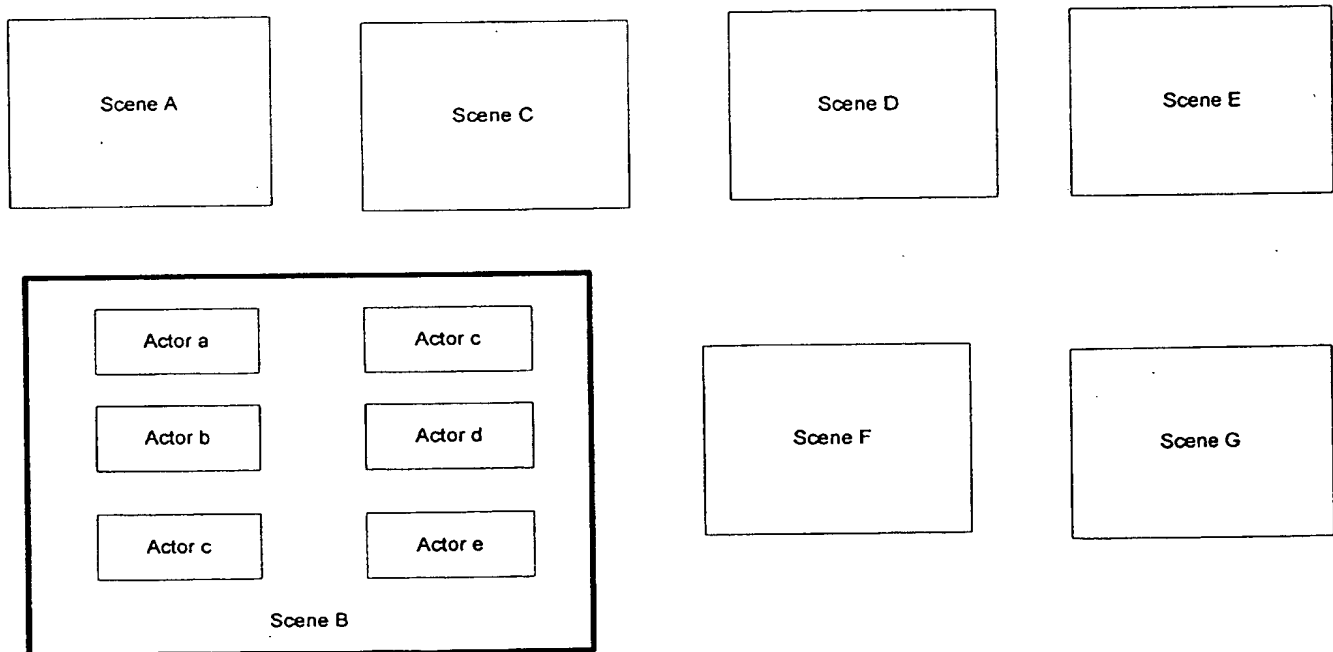
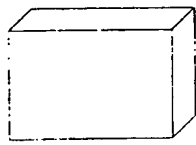
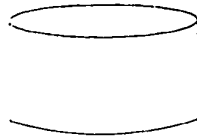


FIG. 3D

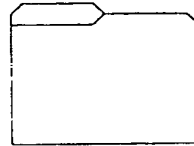
Actors



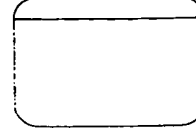
package
410



service
420



scenario
430



scene
440

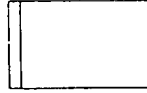


actor
450

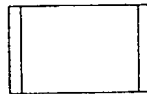
Infosets



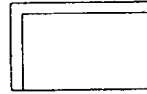
singleton
421



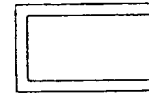
list
422



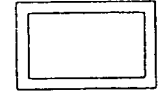
bag
423



cluster
424



tree
425



graph
426

Transitions



transition
431



invocation
432



condition
433



continuation
434



option
435



repetition
436



initial
437



terminal
438

Messages



message
(asynchronous)
441



message
(synchronous)
442



condition
443



continuation
444



in port
445



out port
446



bidi port
447



fork/join
448

Contexts



context
451



negative
context
452



remote
context
453



generalization
454

Callouts



note
461



properties
462



brackets
463

FIG. 4

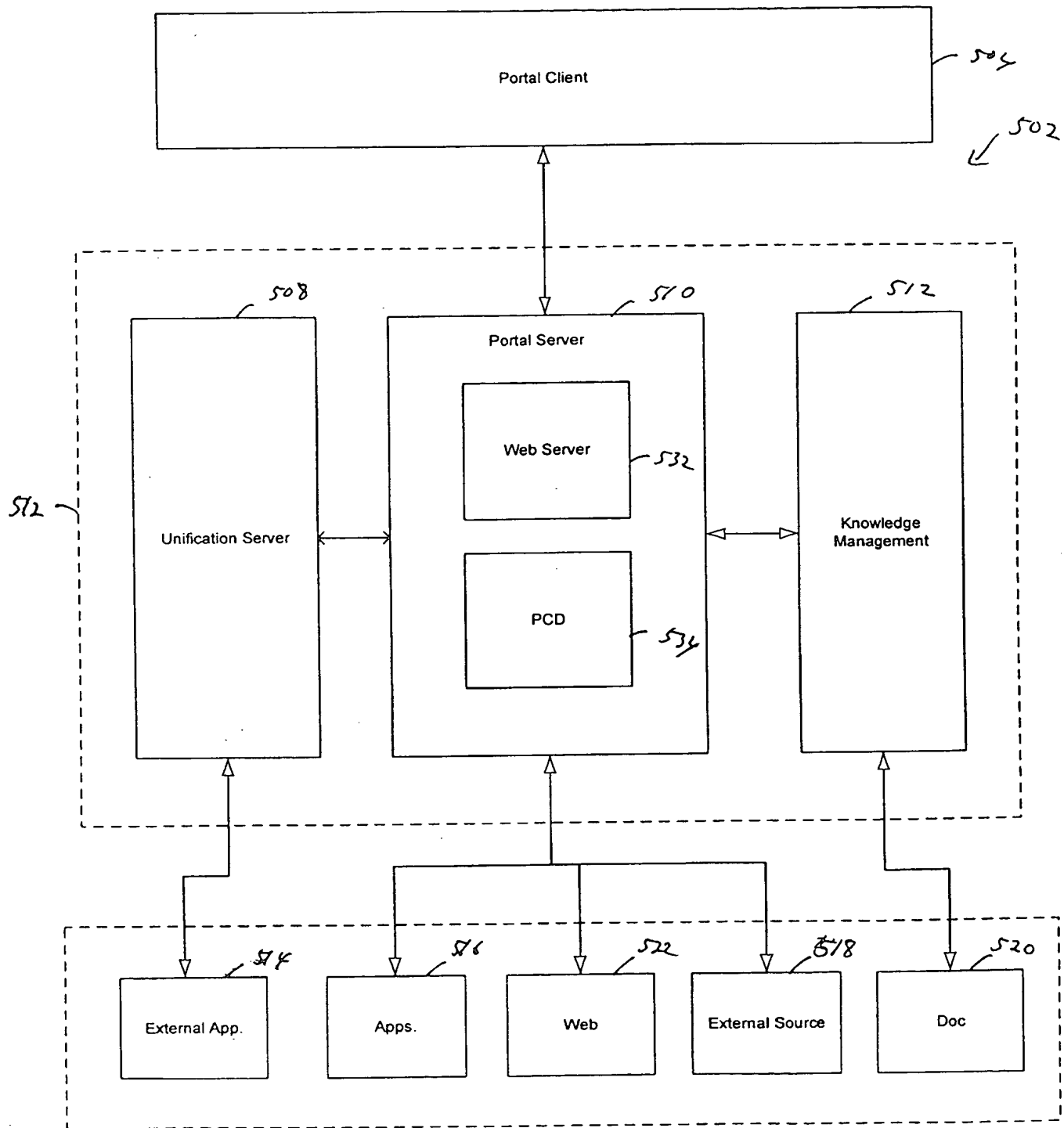


FIG. 5

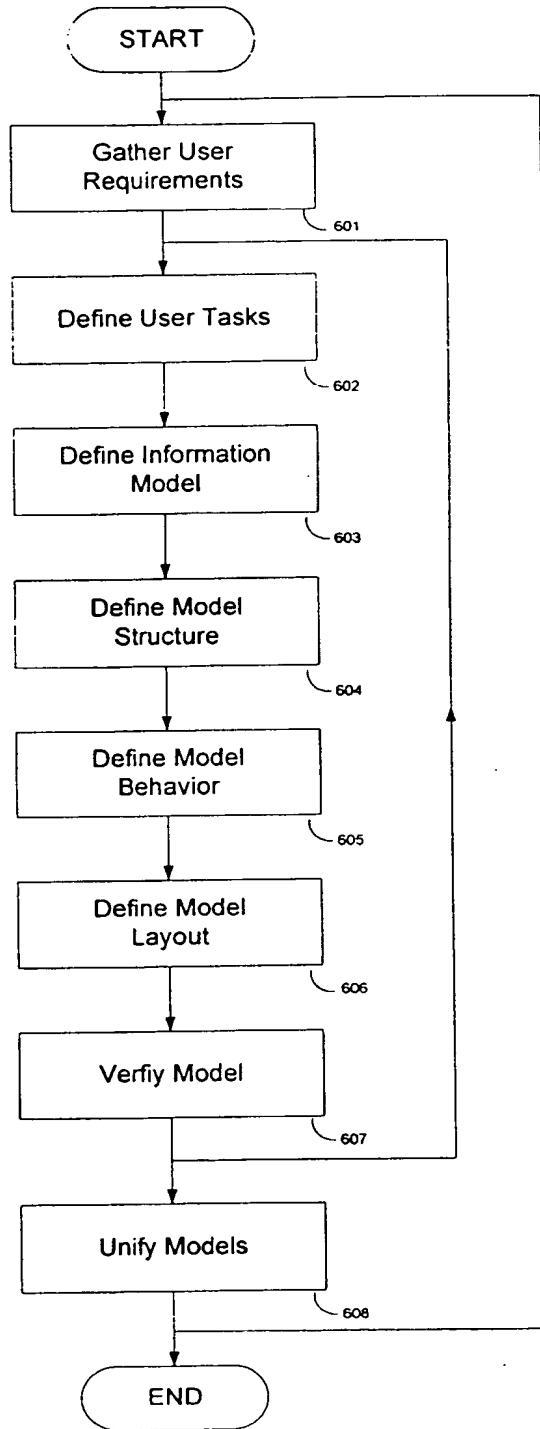


FIG. 6

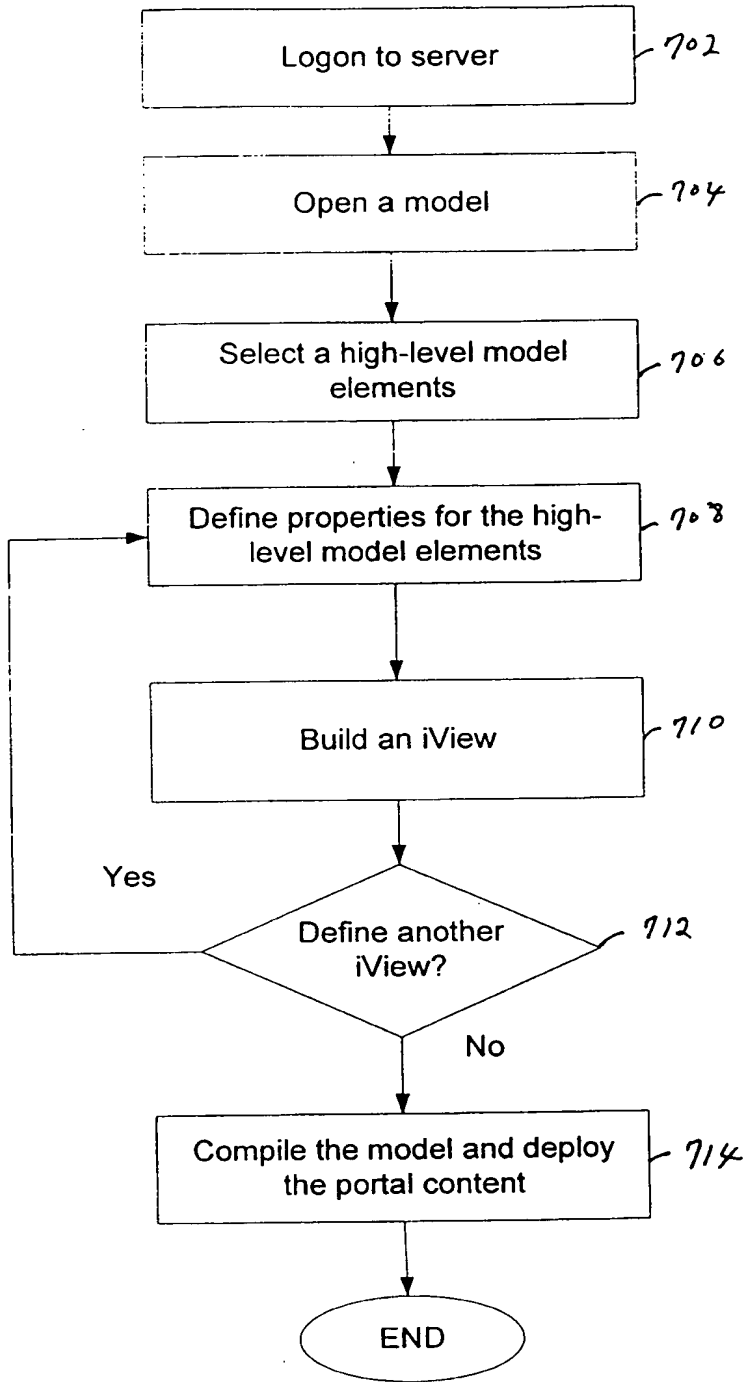


FIG. 7B

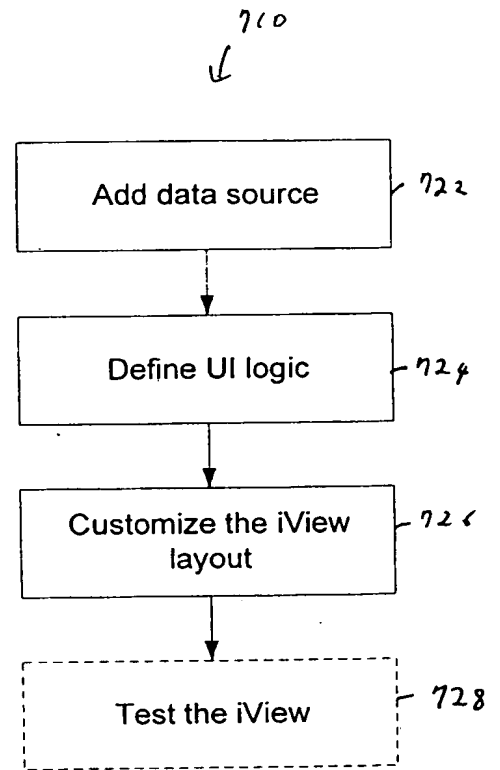


FIG. 7C

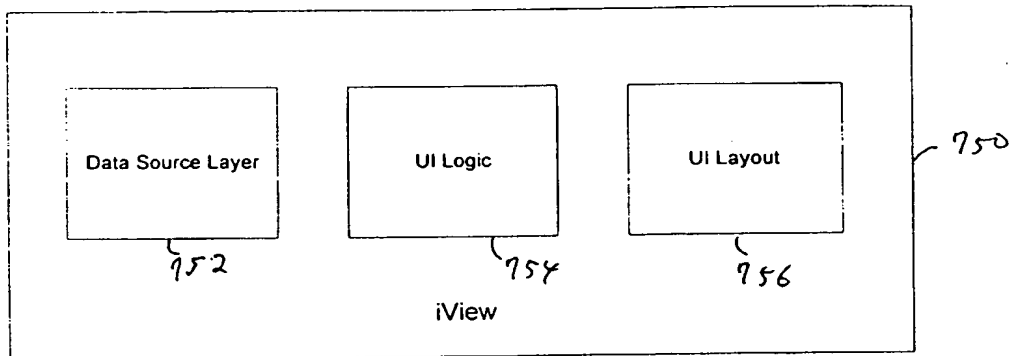


FIG. 7D

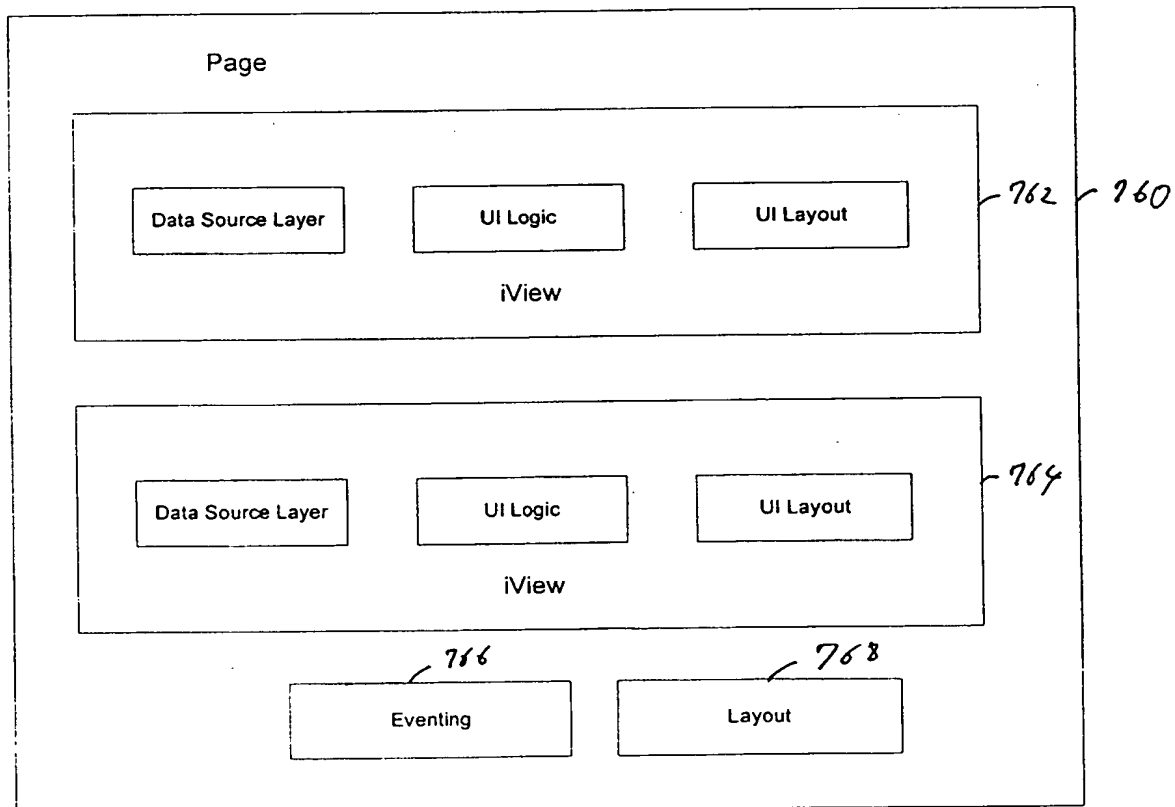


FIG. 7E

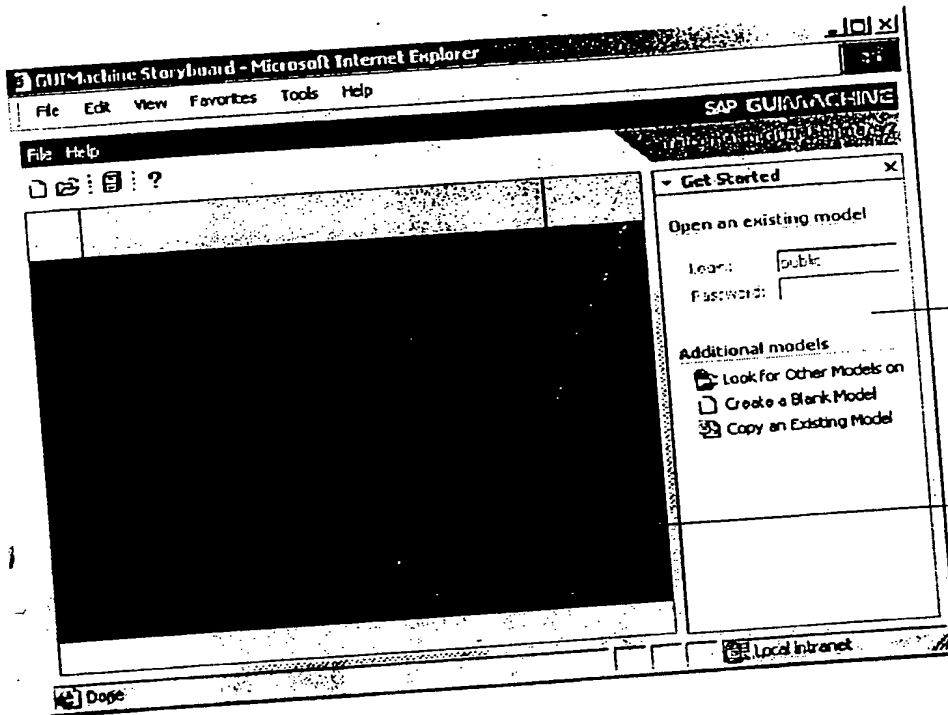


FIG. 8

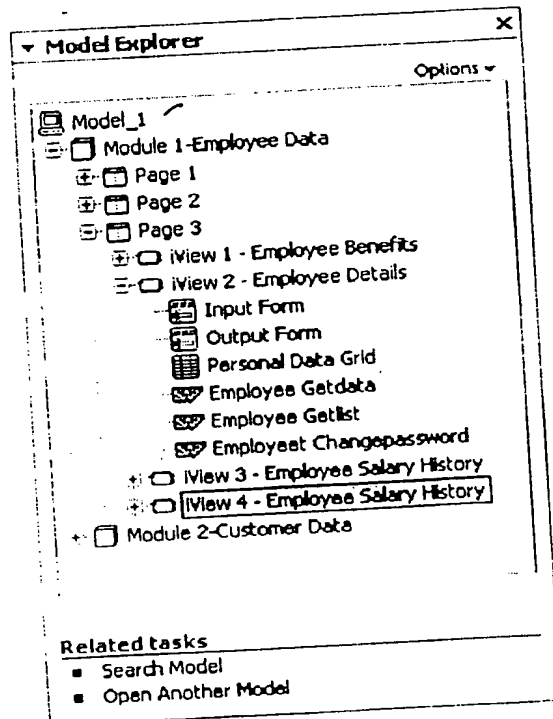


FIG. 17

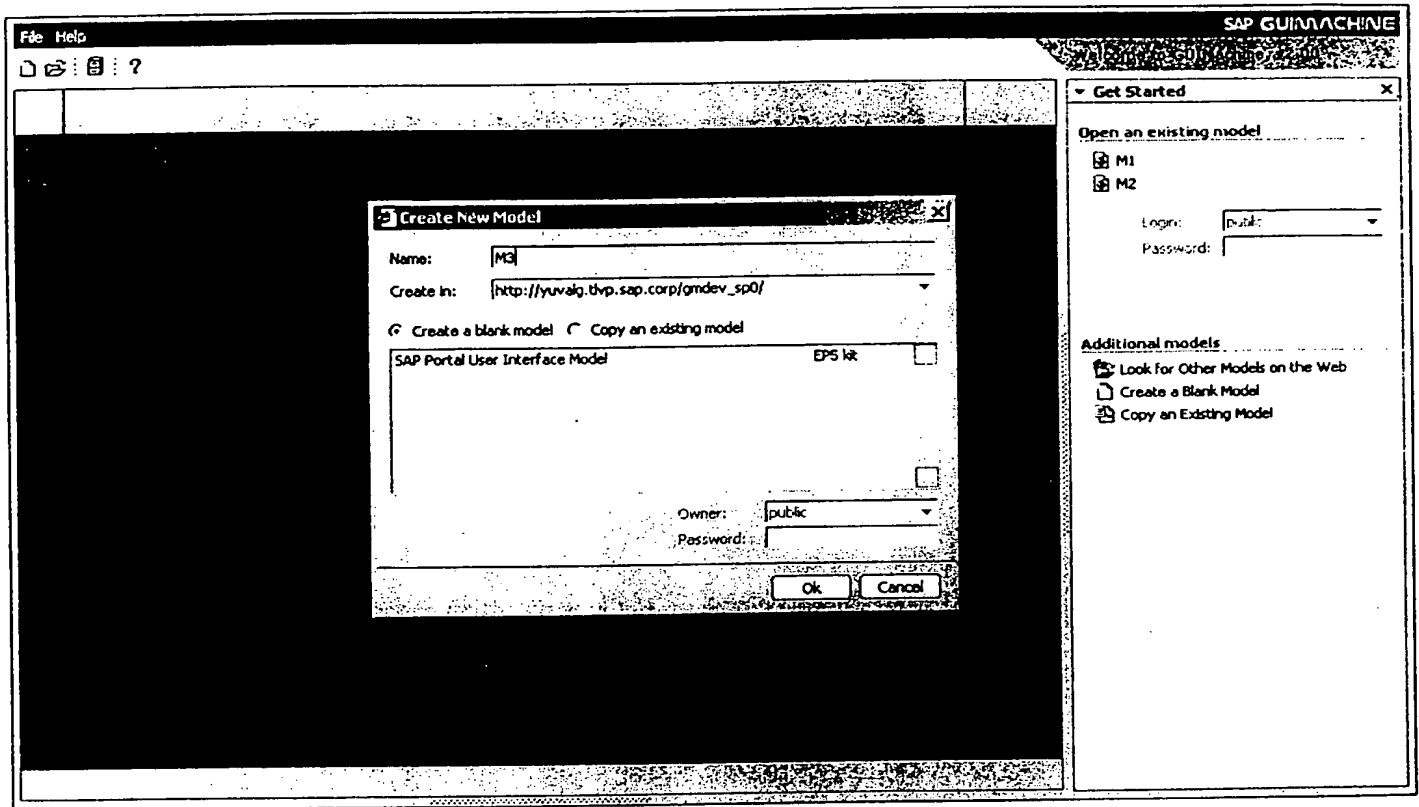


FIG. 9

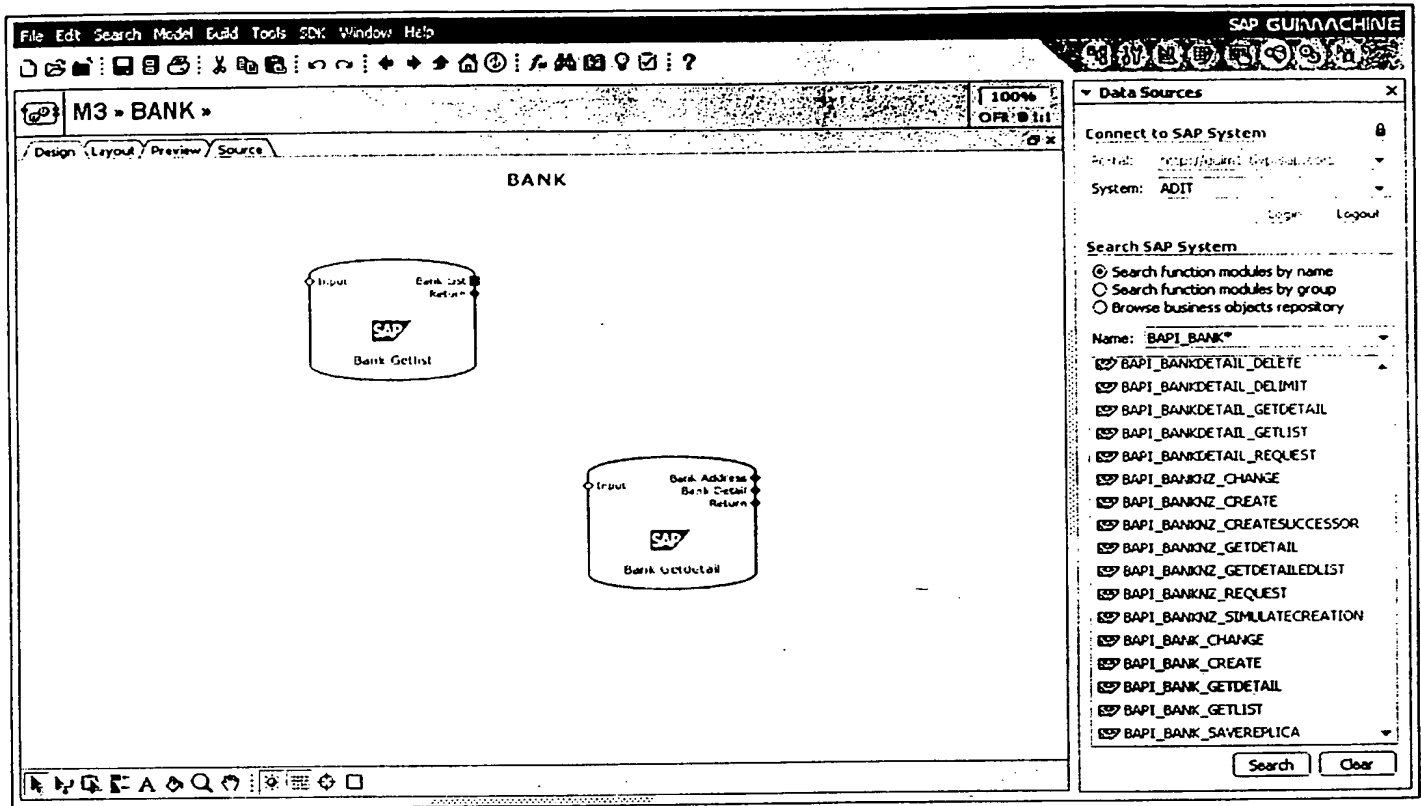


FIG. 10A

FIG. 11B

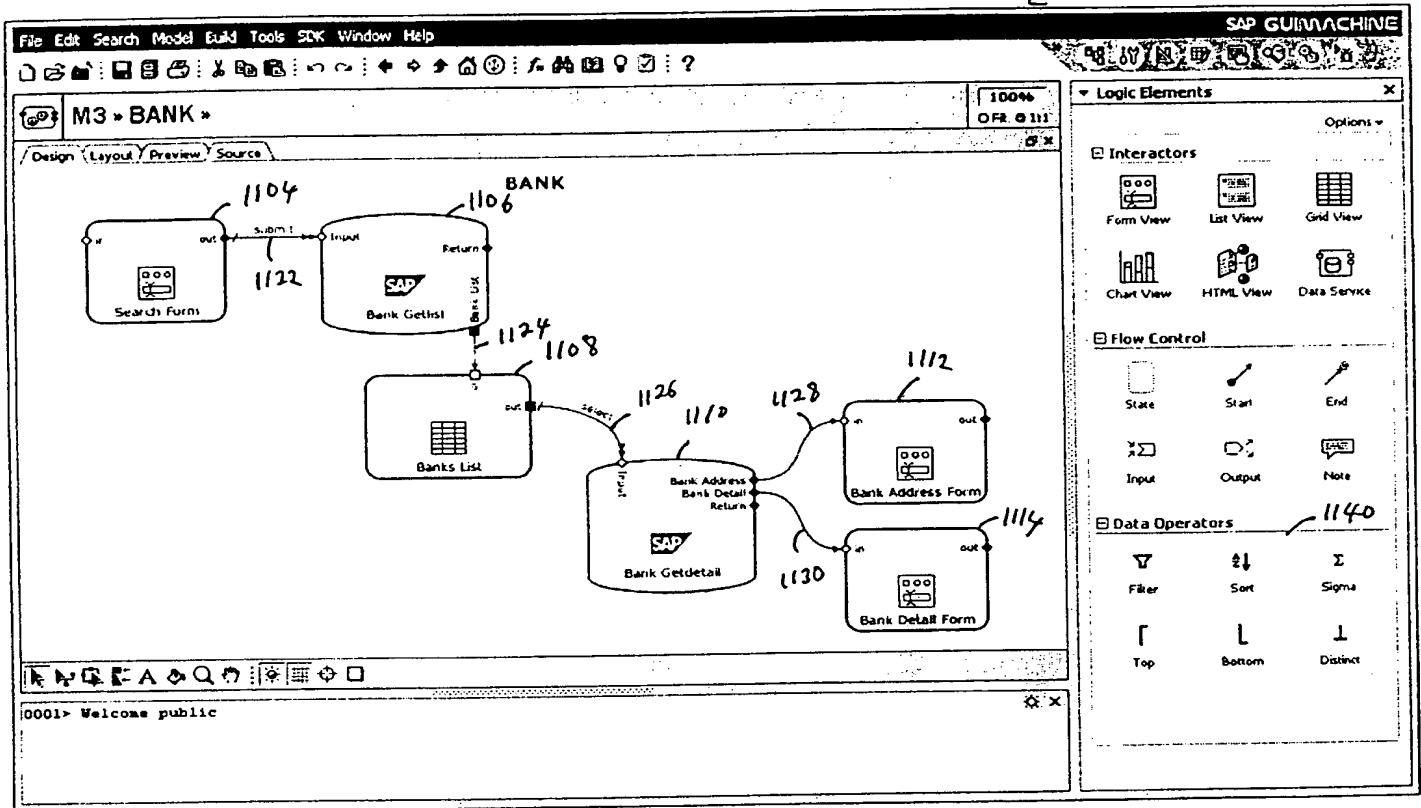
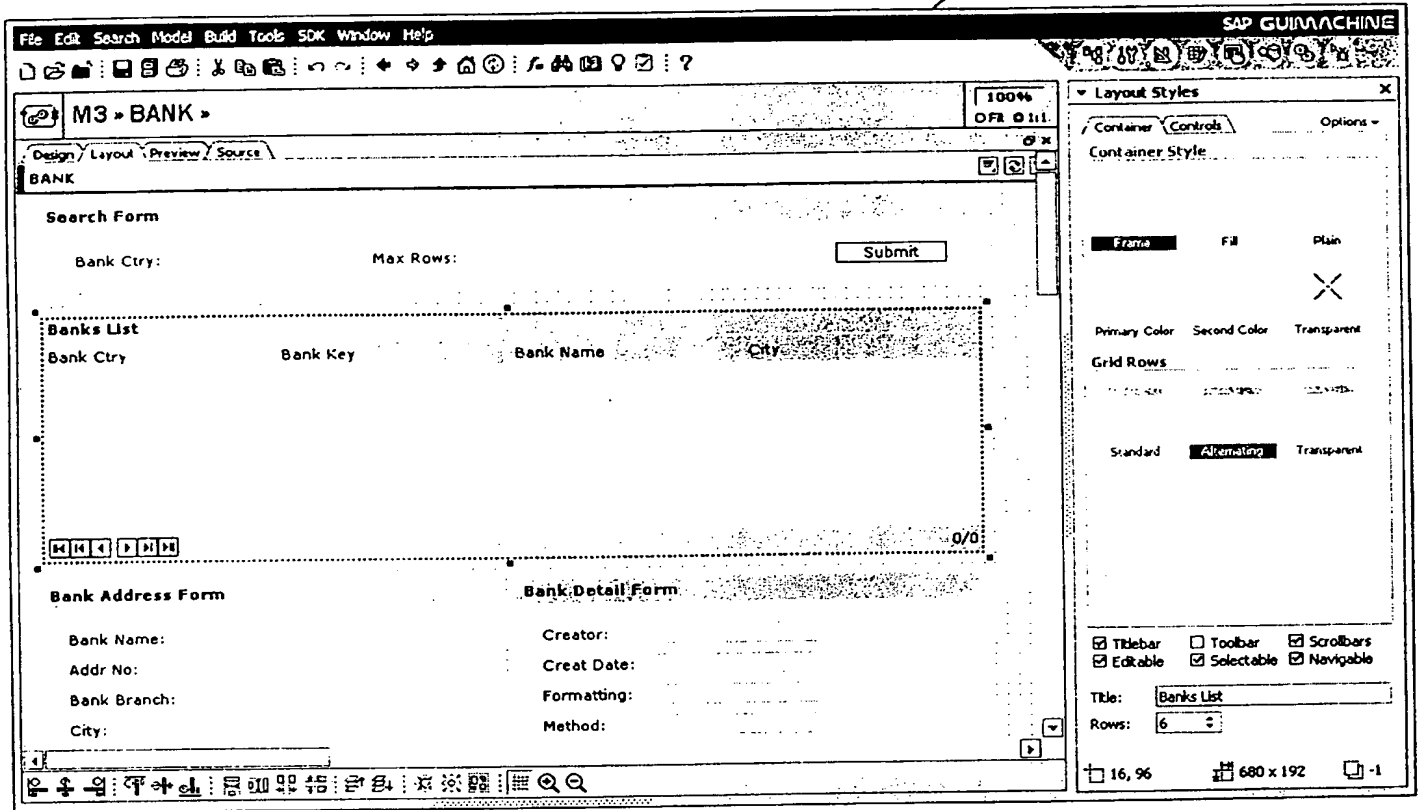


FIG. 11A



F16.12

1302

SAP GUI MACHINE

File Edit Search Model Build Tools SCM Window Help

M3 » BANK » 100% OFF

Design Layout Preview Source

BANK [Running]

Search Form

Bank Ctry: US Max Rows: 25 Submit

Banks List

| Bank Ctry | Bank Key | Bank Name | City |
|-----------|-----------|--------------------------|---------------|
| US | 083000108 | First Union Bank & Trust | Chicago |
| US | 123123123 | Citibank | New York |
| US | 123445678 | Chase Manhattan Bank | New York City |
| US | 12345678 | Commerce Bank | Philadelphia |
| US | 123456780 | PNC | Marlton |
| US | 123456784 | Chase Manhattan | New York |

1/4

Bank Address Form

Bank Name: Citibank
 Addr No:
 Bank Branch: Time Square
 City: New York
 Pobj Curac:

Bank Detail Form

Creator: KLINGBEIL
 Creat Date: 25.01.1996
 Formatting:
 Method:
 Bank Delete:

Model Debugger

Connect to SAP System

Port: http://guim1:1155-sapgui

System: ADIT

Login Logout

Events Monitor Off On

Choose event...

- 1) EVENT: SELECT (SearchForm)
- 2) EVENT: SUBMIT (SearchForm)
- 3) INIT: BankGetId, BankList, BankGetDetail, BankDetailForm
- 4) MAP: SearchForm -> BankGetId:Input
- 5) SAPFUNC: BankGetId
- 6) COPY: BankGetId:BankList -> BankList
- 7) EVAL: BankList
- 8) MAP: BankList -> BankGetDetail:Input
- 9) SAPFUNC: BankGetDetail
- 10) COPY: BankGetDetail:BankAddress -> BankAddressForm
- 11) COPY: BankGetDetail:BankDetail -> BankDetailForm
- 12) EVAL: BankAddressForm
- 13) EVAL: BankDetailForm
- 14) Done!

Run Step Clear

FIG. 13

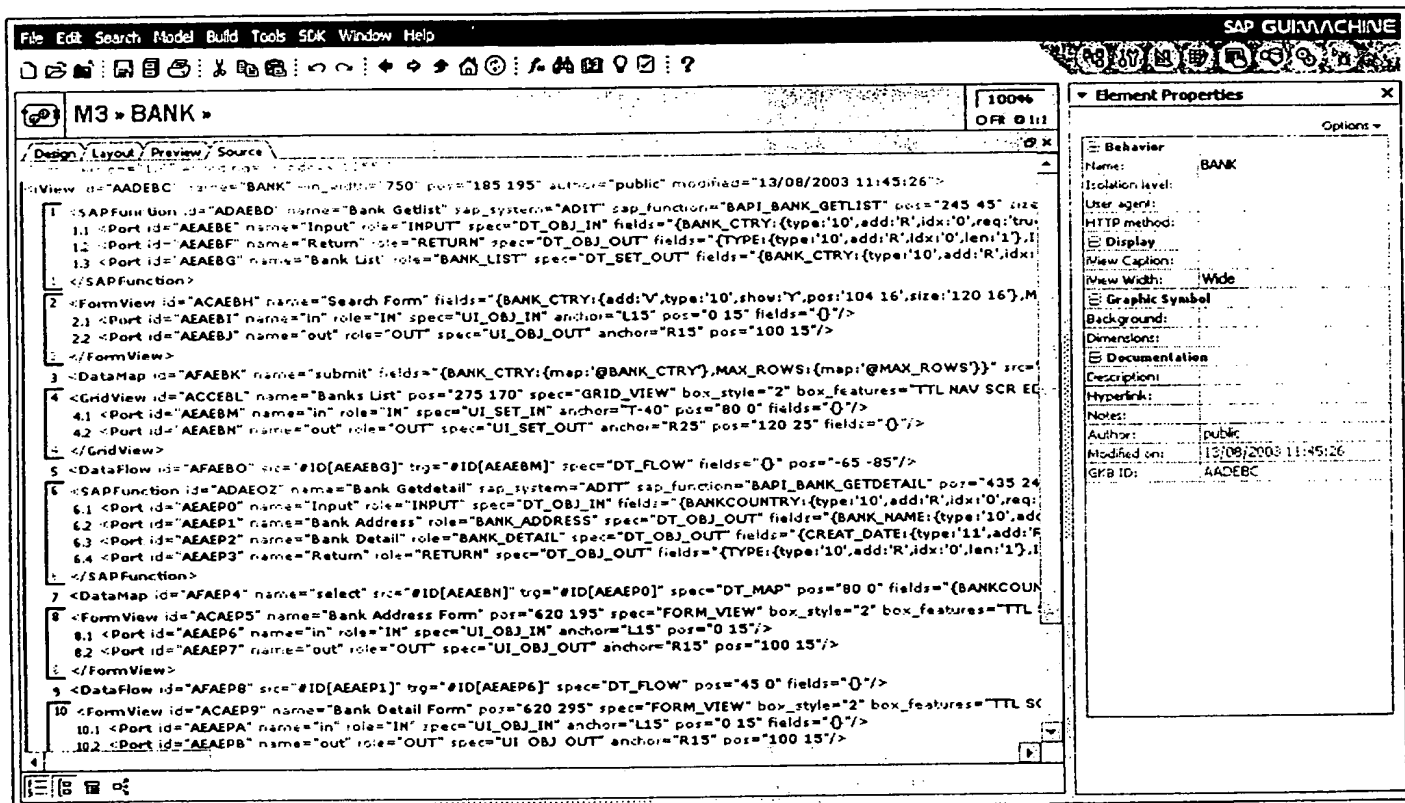


FIG. 14

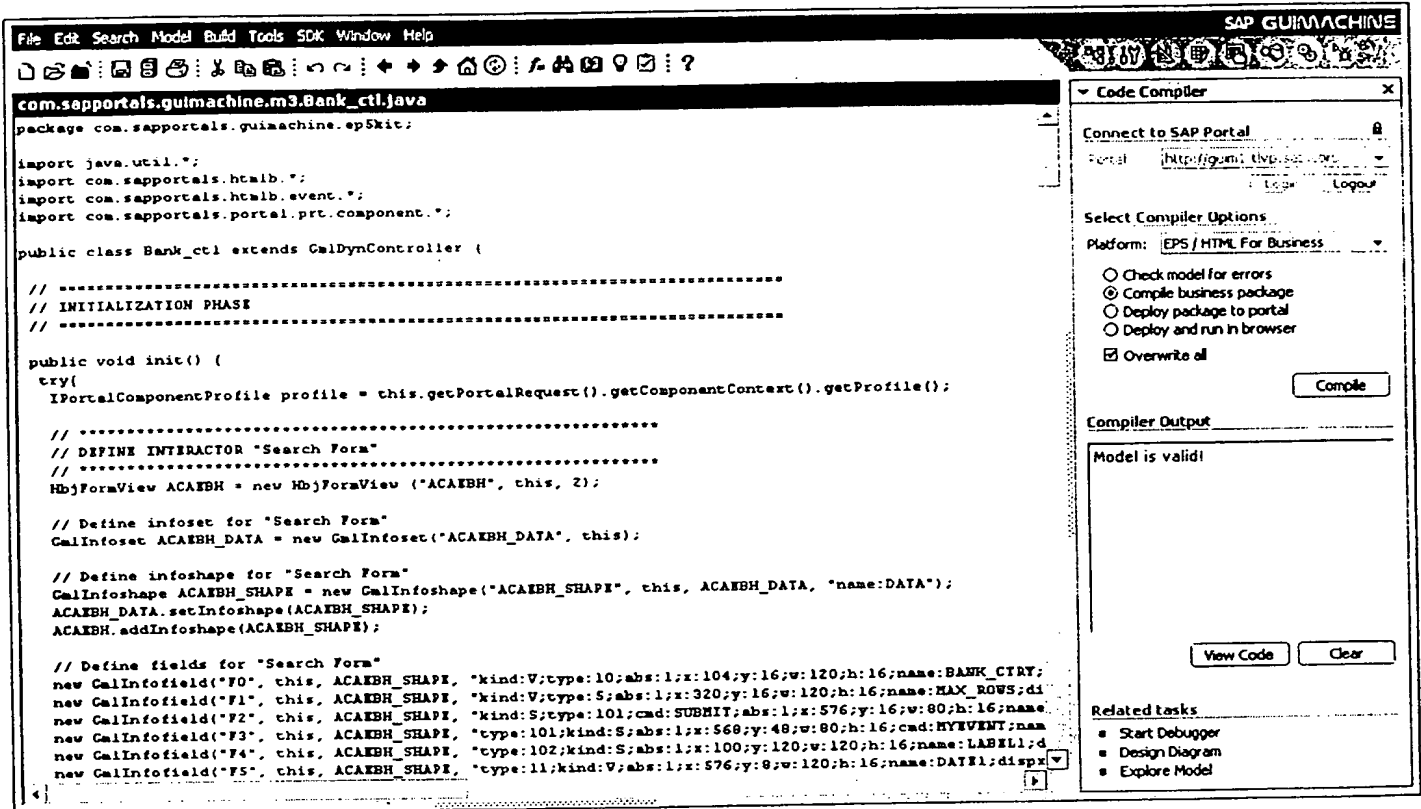


FIG. 15

File Edit View Favorites Tools Help

Back - Search Favorites Media -

Address http://guim1.thp.sap.corp/sapportal Go Links Storyboard GMLibrary

Welcome oren shoham

SAP

My Pages Portal Admin Content Admin Portal Monitoring System Configuration Support

Welcome! • Banks View • UR Sample Page • Page 560

BANK

Search Form

Bank Ctry: us Max Rows: 25 Submit

Banks List

| Bank Ctry | Bank Key | Bank Name | City |
|-----------|-----------|--------------------------|---------------|
| US | 083000108 | First Union Bank & Trust | Chicago |
| US | 123123123 | Citibank | New York |
| US | 123445678 | Chase Manhattan Bank | New York City |
| US | 12345678 | Commerce Bank | Philadelphia |
| US | 123456780 | PNC | Marlton |
| US | 123456784 | Chase Manahattan | New York |

1/4

Bank Address Form

Bank Name: Citibank Creator: KLINGBEIL

Addr No: Creat Date: 25.01.1996

Bank Branch: Time Square Formatting:

City: New York Method:

Pobk Curac: Bank Delete:

Post Bank:

Local intranet

FIG. 16